

ENCAPSULATE ENTERAT OR ENTRIC COATING (NO GELATIN)

013254026 **Image available**

WPI Acc No: 2000-425909/200037

Method for manufacturing enteric coated capsule containing royal jelly granules involves mixing granules, excipient and lubricant and royal jelly, followed by enteric coating with shellac and glossy film coating

Patent Assignee: SAN KEN KK (SANK-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000139372	A	20000523	JP 98335058	A	19981111	200037 B

Priority Applications (No Type Date): JP 98335058 A 19981111

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000139372	A		9 A23L-001/076	

Abstract (Basic): JP 2000139372 A

NOVELTY - A new manufacturing method of capsule (1) containing royal jelly granules (2) involves mixing dry powder of royal jelly, excipient and lubricant; drying the mixture to obtain the granules; filling the capsule molding with the granules; and coating the capsule to obtain an enteric coated capsule.

DETAILED DESCRIPTION - A new manufacturing method of capsule (1) containing royal jelly granules (2) involves mixing dry powder of royal jelly, excipient and lubricant; drying the mixture to obtain the granules; filling the capsule molding with the granules by using filling machine; coating the capsule with a mixture of shellac and plasticizer (to retain water) to form an enteric coating (3); and forming a glossy film (4) on the enteric coated capsule.

USE - The method is useful for preparing enteric coated capsules containing nutritional components.

ADVANTAGE - The capsule is free from oxidation, hence prevents the color change to brown. The enteric coating prevents the deterioration of capsule by gastric juice.

DESCRIPTION OF DRAWING(S) - The figure shows a partial cross sectional view of the capsule containing royal jelly granules.

Capsule (1)

Royal jelly granules (2)

Enteric coating (3)

Glossy film (4)

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Derwent Class: B04; D13

International Patent Class (Main): A23L-001/076

International Patent Class (Additional): A23L-001/30; A61K-009/60;

A61K-035/64